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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/813,382	03/30/2004	Kazuo Shibukawa	YAMAP0922US 4713		
43076 759 MADK D SADA	02/07/2007 LINO (GENERAL)	EXAMINER RIVERA, WILLIAM ARAUZ			
RENNER, OTTO	, BOISSELLE & SK				
CLEVELAND, C	VENUE, NINETEEN OH 44115-2191	ART UNIT	PAPER NUMBER		
022 (32: (2 , 0		3654			
SHORTENED STATUTORY	PERIOD OF RESPONSE	MAIL DATE	. DELIVERY MODE		
3 MONT	THS .	02/07/2007	PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

		Applicatio	n No. Applicant(s)					
	Office Astion Comments	10/813,38	2	SHIBUKAWA ET	AL.			
	Office Action Summary	Examiner		Art Unit				
		William A.	Rivera	3654				
Period fo	The MAILING DATE of this communication apport	pears on the	cover sheet with the c	orrespondence ad	Idress			
WHIC - Exter after - If NC - Failu Any	ORTENED STATUTORY PERIOD FOR REPL CHEVER IS LONGER, FROM THE MAILING D nsions of time may be available under the provisions of 37 CFR 1.1 SIX (6) MONTHS from the mailing date of this communication. or period for reply is specified above, the maximum statutory period re to reply within the set or extended period for reply will, by statute reply received by the Office later than three months after the mailined patent term adjustment. See 37 CFR 1.704(b).	DATE OF TH 136(a). In no ever will apply and will e, cause the appli	S COMMUNICATION ont, however, may a reply be time expire SIX (6) MONTHS from the bation to become ABANDONEI	I. lely filed the mailing date of this c (35 U.S.C. § 133).				
Status								
1)	Responsive to communication(s) filed on 13 N	November 20	06.					
2a)□		s action is no						
3)	Since this application is in condition for allowa			secution as to the	e merits is			
تتار	closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.							
Dispositi	on of Claims							
4)⊠	Claim(s) 1-11 is/are pending in the application	١.		•				
-	4a) Of the above claim(s) is/are withdrawn from consideration.							
	Claim(s) is/are allowed.							
,—	☐ Claim(s) is/are rejected.							
•	, ,							
·	7) Claim(s) 1-11 is/are objected to. 8) Claim(s) are subject to restriction and/or election requirement.							
ŕ	on Papers		1					
,	The specification is objected to by the Examine		7					
10)[]	10) ☐ The drawing(s) filed on is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.							
	Applicant may not request that any objection to the							
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).								
11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.								
Priority ι	ınder 35 U.S.C. § 119			,				
_	12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of:							
	1. Certified copies of the priority documents have been received.							
	2. Certified copies of the priority documents have been received in Application No							
	3. Copies of the certified copies of the priority documents have been received in this National Stage							
	application from the International Bureau (PCT Rule 17.2(a)).							
* See the attached detailed Office action for a list of the certified copies not received.								
			,	•				
Attachmen	t(s)							
1) Notic	e of References Cited (PTO-892)		4) Interview Summary					
2) 🔲 Notic	e of Draftsperson's Patent Drawing Review (PTO-948)		Paper No(s)/Mail Da 5) Notice of Informal P					
	mation Disclosure Statement(s) (PTO/SB/08) r No(s)/Mail Date		5) Notice of Informal P 6) Other:	atent Application				

Art Unit: 3654

DETAILED ACTION

Specification

The specification is objected to as failing to provide proper antecedent basis for the claimed subject matter. See 37 CFR 1.75(d)(1) and MPEP § 608.01(o). Correction of the following is required: "an unobstructed path exists in a plane perpendicular".

Allowable Subject Matter

Claims 1-11 would be allowable if rewritten or amended to overcome the objection(s) set forth in this Office action.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to William A. Rivera whose telephone number is 571-272-6953. The examiner can normally be reached on Monday to Thursday - 5:30 AM to 4:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kathy Matecki can be reached on 571-272-6951. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

WILLIAM A. RIVERA PRIMARY EXAMINER

February 5, 2007